CLAIM AMENDMENTS

<u>IN THE CLAIMS</u>

This listing of the claims will replace all prior versions, and listing, of claims in the application or previous response to office action:

1-55.   (Cancelled)

56.   (**Currently Amended**) ˙A method for ~~decoding~~<u>receiving</u> a sequence of digital data, the method comprising:

receiving <u>a data block of the sequence of digital data, the data block comprising transmission packets, each transmission packet having one of two headers and ~~first~~</u>a data packet ~~at a first time~~<u>, the two headers being alternated between the transmission packets within the data block, wherein the first header of the two headers comprises a sequential number of the transmission packet and an identifier determining a position of the transmission packet within the data block, and the second header of the two headers comprises the sequential number of the transmission packet and a width of the data block;</u>

<u>unpacking the data packets corresponding to the data block; and</u>

<u>reading out digital data corresponding to the data block of the received sequence of digital data.</u>

~~receiving a second data packet at a second time, the second time being subsequent to the first time;~~

~~receiving a third data packet at a third time, the third time being subsequent to the second time;~~

~~receiving a fourth data packet at a fourth time, the fourth time being one of subsequent to the third time and prior to the first time;~~

~~storing the first data packet, the first data packet including a first sequential number and a first block identifier;~~

~~storing the second data packet, the second data packet including a second sequential number and a block width;~~

~~storing the third data packet, the third data packet including a third sequential number and a second block identifier; and~~

~~storing the fourth data packet, the fourth data packet including a fourth sequential number and the block width, wherein a data block corresponds to a portion of the sequence of digital data, the data block including the first data packet, the second data packet, the third data packet, and the fourth data packet.~~

57.   (Currently Amended) The~~A~~ method according to~~for decoding a sequence of digital data as claimed in~~ claim 56, wherein the method further comprises the following two steps after unpacking the data packets:~~sequence of digital data contains a sequence of progressive data.~~

        evaluating an interleaver block row-by-row to detect any data loss; and

        restoring within the interleaver block any data loss by restoring transmission packets based on the sequential number of the transmission packet and either the identifier determining the position of the transmission packet within the data block or width of the data block in the alternated headers.

58.   (Currently Amended) The~~A~~ method according to~~for decoding a sequence of digital data as claimed in~~ claim 56, wherein the sequence of digital data contains a sequence of digital image data or a sequence of progressive data.

59.   (Currently Amended) The~~A~~ method according to~~for decoding a sequence of digital data as claimed in~~ claim 56, wherein the data block contains redundancy information.

60.   (Currently Amended) The~~A~~ method according to~~for decoding a sequence of digital data as claimed in~~ claim 56, wherein a start and an end of the data block are determined via the sequential number of the transmission packet and either the identifier determining the position of the transmission packet within the data block or width of the data block in the alternated headers~~at least one of the first block identifier and the second block identifier.~~

61.   (Currently Amended) The~~A~~ method according to~~for decoding a sequence of digital data as claimed in~~ claim 56, wherein~~every n-th data packet includes at least one of the first block identifier, the second block identifier, and a third block identifier~~ the identifier determining the position of the transmission packets within the data block is the sequential number of the transmission packet which is first in the data block.

62-66. (Cancelled)

67.   (Currently Amended) The~~A~~ method according to~~for decoding a sequence of digital data as claimed in~~ claim 56, wherein a Real-Time Transfer Protocol is used as transmission protocol for receiving the sequence of digital data.

68.   (Cancelled)

69.   (Currently Amended) ~~A~~The method according to~~for decoding a sequence of digital data as claimed in~~ claim 67, wherein the sequential number of the transmission packets ~~first block identifier~~ is determined from the first sequential number of the Real-Time Transfer Protocol used.

70.   (Currently Amended) ~~A~~The method according to~~for decoding a sequence of digital data as claimed in~~ claim 56, wherein an unequal error protection method is used.

71.   (Currently Amended) ~~A~~The method according to~~for decoding a sequence of digital data as claimed in~~ claim 70, wherein the unequal error protection method used is a UXP method.

72.-75 (Cancelled)

76.   (Currently Amended)   A computer readable <u>storage</u> medi~um storing <u>computer program instructions which when executed on a programmable processor</u>~software instructions to decode a sequence of digital data, the software instructions causing a computing device to:~ <u>perform the steps of:</u>

<u>receiving a data block of the sequence of digital data, the data block comprising transmission packets, each transmission packet having one of two headers and a data packet, the two headers being alternated between the transmission packets within the data block, wherein the first header of the two headers comprises a sequential number of the transmission packet and an identifier determining a position of the transmission packet within the data block, and the second header of the two headers comprises the sequential number of the transmission packet and a width of the data block;</u>

<u>unpacking the data packets corresponding to the data block; and</u>

<u>reading out digital data corresponding to the data block of the received sequence of digital data.</u>

~receive a first data packet at a first time;~

~receive a second data packet at a second time, the second time being subsequent to the~

~first time;~

~receive a third data packet at a third time, the third time being subsequent to the second time;~

~receive a fourth data packet at a fourth time, the fourth time being one of subsequent to the third time and prior to the first time;~

~store the first data packet, the first data packet including a first sequential number and a first block identifier;~

~store the second data packet, the second data packet including a second sequential number and a block width;~

~store the third data packet, the third data packet including a third sequential number and a second block identifier; and~

~store the fourth data packet, the fourth data packet including a fourth sequential number and the block width, wherein a data block corresponds to a portion of the sequence of digital data, the data block including the first data packet, the second data packet, the third data packet, and the fourth data packet.~